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SEQUENCE LISTING

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<120> LIQUEFACTION PROCESS

<130> 10620.204-WO

<160> 1

<170> PatentIn version 3.3

<210> 1 <211> 484 <212> PRT

<213> Aspergillus niger

<220>

<221> misc_feature <223> SEQ ID NO:1

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Asp Arg Phe Gly Arg Thr Asp Asn Ser Thr Thr Ala Thr Cys Asn Thr 20 25 30

Gly Asn Glu Ile Tyr Cys Gly Gly Ser Trp Gln Gly Ile Ile Asp His

Leu Asp Tyr Ile Glu Gly Met Gly Phe Thr Ala Ile Trp Ile Ser Pro 50 55 60

Ile Thr Glu Gln Leu Pro Gln Asp Thr Ala Asp Gly Glu Ala Tyr His 65 70 75 80

Gly Tyr Trp Gln Gln Lys Ile Tyr Asp Val Asn Ser Asn Phe Gly Thr 85 90 95

Ala Asp Asn Leu Lys Ser Leu Ser Asp Ala Leu His Ala Arg Gly Met 100 105 110

Tyr Leu Met Val Asp Val Val Pro Asp His Met Gly Tyr Ala Gly Asn 115 120 125

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Gly	Asn 130	Asp	Val	Asp	Tyr	Ser 135	Val	Phe	Asp	Pro	Phe 140	Asp	Ser	Ser	Ser
Tyr 145	Phe	His	Pro	Tyr	Cys 150	Leu	Ile	Thr	Asp	Trp 155	Asp	Asn	Leu	Thr	Met 160
Val	Glu	Asp	Cys	Trp 165	Glu	Gly	Asp	Thr	Ile 170	Val	Ser	Leu	Pro	Asp 175	Leu
Asp	Thr	Thr	Glu 180	Thr	Ala	Val	Arg	Thr 185	Ile	Trp	Tyr	Asp	Trp 190	Val	Ala
Asp	Leu	Val 195	Ser	Asn	Tyr	Ser	Val 200	Asp	Gly	Leu	Arg	Ile 205	Asp	Ser	Val
Leu	Glu 210	Val	Gln	Pro	Asp	Phe 215	Phe	Pro	Gly	Tyr	Asn 220	Lys	Ala	Ser	Gly
Val 225	Tyr	Cys	Val	Gly	Glu 230	Ile	Asp	Asn	Gly	Asn 235	Pro	Ala	Ser	Asp	Cys 240
Pro	Tyr	Gln	Lys	Val 245	Leu	Asp	Gly	Val	Leu 250	Asn	Tyr	Pro	Ile	Tyr 255	Trp
Gln	Leu	Leu	Tyr 260	Ala	Phe	Glu	Ser	Ser 265	Ser	Gly	Ser	Ile	Ser 270	Asn	Leu
Tyr	Asn	Met 275	Ile	Lys	Ser	Val	Ala 280	Ser	Asp	Cys	Ser	Asp 285	Pro	Thr	Leu
Leu	Gly 290	Asn	Phe	Ile	Glu	Asn 295	His	Asp	Asn	Pro	Arg 300	Phe	Ala	Lys	Tyr
Thr 305	Ser	Asp	Tyr	Ser	Gln 310	Ala	Lys	Asn	Val	Leu 315	Ser	Tyr	Ile	Phe	Leu 320
Ser	Asp	Gly	Ile	Pro 325	Ile	Val	Tyr	Ala	Gly 330	Glu	Glu	Gln	His	Tyr 335	Ala
Gly	Gly	Lys	Val 340	Pro	Tyr	Asn	Arg	Glu 345	Ala	Thr	Trp	Leu.	Ser 350	Gly	Tyr
Asp	Thr	Ser 355	Ala	Glu	Leu	Tyr	Thr 360	Trp	Ile	Ala	Thr	Thr 365	Asn	Ala	Ile

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Arg	Lys	Leu	Ala	Ile	Ala	Ala	Asp	Ser	Ala	Tyr	Ile	Thr	Tyr	Ala	Asn
	370					375					380				

Asp	Ala	Phe	Tyr	Thr	Asp	Ser	Asn	Thr	Ile	Ala	Met	Ala	Lys	Gly	Thr
385					390					395					400

Ser Gly Ser Gln Val Ile Thr Val Leu Ser Asrı Lys Gly Ser Ser Gly
$$405 \hspace{1.5cm} 410 \hspace{1.5cm} 415$$

Ser Ser Tyr Thr Leu Thr Leu Ser Gly Ser Gly Tyr Thr Ser Gly Thr
$$420$$
 425 430

Lys Leu Ile Glu Ala Tyr Thr Cys Thr Ser Val. Thr Val Asp Ser Ser
$$435$$
 440 445

Leu Tyr Val Glu

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